

**HUNTERS POINT NAVAL SHIPYARD
BASE REALIGNMENT AND CLOSURE CLEANUP TEAM
MEETING MINUTES**

February 28, 2013

These minutes summarize the meeting of the Hunters Point Naval Shipyard (HPNS) Base Realignment and Closure (BRAC) Cleanup Team (BCT) held on February 28, 2013 at CH2M HILL's office in Oakland, California. Participants in the meeting included the BCT, which is made up of representatives from the U.S. Navy (Navy), the United States Environmental Protection Agency (USEPA), the California Department of Toxic Substances Control (DTSC), and the San Francisco Bay Regional Water Quality Control Board (Water Board). The City of San Francisco (City), its consultants, the Lennar team of developers, and Navy consultants also attended the meeting. These minutes describe the key points, decisions, and action items agreed to at the meeting. A list of attendees is included as Attachment A. The document review table is included as Attachment B. Action items from the meeting are included as Attachment C.

1.0 Navy Business/Action Items (Keith Forman, Navy)

Mr. Forman indicated that all but one of the January action items have been completed. The remaining item is that the Navy will identify report changes to the Parcel D-1, Phase II Draft Execution Plan in the cover letter for the plan.

2.0 Radiological Update (Melanie Kito, Navy)

Parcel C Phase II Storm Drain and Sewer Removals and Building Surveys

- Phase II has removed approximately 6,000 linear feet of lines and 13,000 cubic yards of soil, and the sampling of trenches and radiological screening yard pads is ongoing.
- The Navy is establishing background concentrations at the Ship Berths and surveys are ongoing.
- The Navy is awaiting analytical results for the North Pier and fieldwork is ongoing at Buildings 211 and 253 and Ship Berths 1 to 5. Activities being performed at Buildings 211 and 253 include mobilization, trash removal, and mapping of ventilation and drain lines.
- Craig Cooper (USEPA) asked if rain infiltration is a problem for radiological surveying inside the building. Ms. Kito noted that rain will delay the surveys because the Navy cannot survey water. Mr. Cooper inquired whether an area that has received a free release could be recontaminated by rainwater drainage from an adjacent contaminated area. Ms. Kito said it will be unlikely that the Navy will request free release for an area adjacent to an area that still needs additional work.

Parcel E 500 Series Building and Site Surveys

- At the Parcel E 500 Series Building, the Navy has completed restoration of the asphalt and installation of a stormwater drainage system. All survey units have passed systematic sampling and are awaiting offsite data.
- At Former Shack 79/80, the Navy is awaiting post-remediation sample results.
- At the Building 707 Triangle Area, remediation is being scheduled at survey unit 9 and sampling is underway at survey unit 13.
- The internal draft Final Status Survey (FSS) for former Building Site 503 is under review.
- The draft FSS for former Buildings 506, 507, 508, and 520 is under review.
- The FSS was submitted for former Building Sites 509, 510/510A, and 529.
- The Navy is awaiting California Department of Public Health (CDPH) results of confirmation sampling at Buildings 500 and 521.

Parcel D-1, Phase I Report

- Responses to comments are under development for the former Building 383 and Buildings 313, 313A, and 322 sites.
- Building 274 is awaiting a “free release” letter from CDPH.
- The South Pier draft FSS is under agency review and the Gun Mole Pier FSS is under development.
- The Phase I radiological Remedial Action Completion Report (RACR) is under development and awaiting completion of Gun Mole Pier data review.

Parcel D-1, Phase II Fieldwork

- The draft Execution Plan will be submitted on March 22, 2013 the final will be submitted on June 14, 2013, and field work will start in June 2013.
- Field work will be completed in November 2013 and the completion reports are scheduled for February 2014.

Tracy Jue (CDPH) noted that they will likely want to take samples at the South Pier area; therefore, she will coordinate with Ms. Kito or Mr. Forman with respect to entering the site.

3.0 Parcel B Mercury in Groundwater (Hamide Kayaci, Navy)

The Navy received a comment from USEPA on January 23, 2013 concerning mercury concentrations in groundwater that may be increasing at Installation Restoration (IR) Site 26. USEPA requested concentration trend graphs and maps of the area. Today’s discussion focuses on the trend graphs for this area.

Details of IR-26

- The Navy presented a map showing the excavation areas at IR-26 and trend graphs for monitoring well IR26MW47A, replaced by IR26MW49A, and IR26MW51A.

- The Navy presented maps showing the mercury concentrations in soil following the removal actions and the elevated concentrations collected from the relatively shallow bedrock in this area, which is where the removal actions terminated. The Navy noted that it appears there is elemental mercury in the bedrock. Karla Brasaemle (TechLaw [consultant for USEPA]) noted that prior to the Navy occupying the site, this area was used as a shipyard and those ships could have contained mercury from the mercury mines south of San Francisco. The Navy does not know why mercury is found in this area and noted that the mercury does not correlate with historic Navy activities onsite.

Path Forward

- Additional remediation alternatives included in the amended Record of Decision (ROD) include the following:
 - Additional excavation
 - Injection of organo-sulfur compound to immobilize mercury
 - Continued monitoring to evaluate if an increasing trend in groundwater continues to exist
- The Navy thinks that additional remediation might not be effective in lowering groundwater concentrations in this area; however, monitoring will be continued for several more rounds to obtain a better idea of the groundwater trend in the area. Ms. Kito noted that the Navy cannot extend the current excavation boundary to the east and south because of the structural integrity in this area. USEPA is concerned about mercury migrating to the San Francisco Bay (Bay) and impacting aquatic receptors and the Navy might want to consider approaching this site from a risk management perspective. Mr. Cooper would like to have more information during their next meeting on this subject and would like the Navy to provide a path forward for the future in this area. Mr. Forman noted that they would like to get direction from the Water Board on this subject. USEPA and the Water Board thought it might be a good idea for the Navy to determine the groundwater flux in this area. In addition, the Water Board was wondering the width of the groundwater plume in the area and this might result in a range of fluxes.

4.0 Total Petroleum Hydrocarbon (TPH) Update (Lara Urizar, Navy)

TPH Site Status Parcel B

- The Navy recommended low-risk closure of 31 sites in Parcel B.
- The Water Board completed 20 No Further Action (NFA) letters for these sites.
- The Water Board requested additional information on nine sites and two sites are pending NFA.

Combined Site Status

- The combined site was recommended for NFA in soil and continued monitoring in groundwater. In November 2012, non-aqueous phase liquid (NAPL) was found in the intertidal zone and the site is no longer recommended for NFA. Consequently, the Navy is planning further delineation of TPH in this area to aid in the selection of the corrective action.

- The Navy proposed a site conceptual model showing the estimated extent of TPH in soil in the area.
- The groundwater impacts are along the shoreline to the southeast of the concrete Quay Wall and are not fully characterized. The potential exists for light non-aqueous phase liquid (LNAPL) to be present in the intertidal zone.

TPH Site Status Parcel C

- The draft TPH Work Plan was submitted to the agencies and responses to comments are being prepared by the Navy.
- Twenty sites require additional field investigation and field work is scheduled for July 2013.
- Twenty-six sites are ready for consideration for site closure and individual site closeout reports will be prepared.

TPH Site Status Parcel E

- The draft Petroleum Hydrocarbon Work Plan was submitted to the agencies and responses to comments are being prepared by the Navy.
- The final Work Plan was placed on hold because of the radiological work that needs to be completed on the parcel first.
- The Navy will be moving forward on the Parcel E sites that are not affected by the radiological program and field work is expected to start in June 2013. The list of sites that will be investigated in Parcel E will be identified in the work plan and the Navy will inform the Water Board prior to submittal of the work plan.

5.0 Parcel F Radiological Data Gap Investigation Phase 2b Update (Melanie Kito, Navy)

Completed Work

- Completed offshore sediment coring at 141 locations along entire length of Parcel F.
- Clams were deployed and retrieved from five locations in Parcel F and two reference locations.
- Sedflume samples were collected and submitted for radiological analysis with results pending.

Schedule

- The internal draft technical memorandum (TM) will be prepared in April 2013 after Sedflume results are obtained. The draft TM is expected to be submitted in June with the final to follow in July 2013.

6.0 Parcel C Excavation Optimization Technical Memorandum (Lora Battaglia, Navy)

Parcel C TM

- The Navy held a triad meeting on December 4, 2012 and the BCT requested a TM to summarize the triad meeting. The TM will document the optimization of the soil excavations to reduce the excavation areas.
- The ROD presented the Residential Remedial Goals (RRGs) along with two areas that will have Construction Worker Remedial Goals (CWRGs).
- The TM will present the technical rationale for the proposed changes to each excavation areas, general soil excavation approach, identification of excavation candidates for coordination between contractors and separate removal actions, and the exit strategy for naturally occurring/ubiquitous metals.
- The exit strategy will be used through conducting residual risk calculations by estimating area-wide exposure point concentrations (EPCs) based on the 95% upper confidence limit (UCL) on the mean using Hunters Point ambient levels (HPALs), confirmation results, and historical sample results.
- The Navy is proposing to use a risk approach to reduce the excavation area sizes by applying the CWRGs. The affected excavations include 22-2, 23-1, 24-4, 24-5, 10-3, 10-4, and 11-2. USEPA asked for maps that are more clearly color coded to show which locations are below RGs and which are less than 10x RG. Amy Brownell (City) noted that it does not make sense to advance excavations based only on elevated manganese concentrations. Mr. Forman noted that the Navy did a historic report on manganese at HPNS showing that background concentrations are much higher than at other locations in the San Francisco Bay area. This historic report was not accepted by DTSC and the Navy is not going to revisit that report; however, he feels that these high levels of manganese at this site are naturally occurring. Mr. Miya noted that DTSC policy is to not re-open matters that have been previously decided unless the Navy has new information to offer on the subject. Mr. Cooper noted that USEPA is open to looking at new information or new risk assessment data to make decisions for a site going forward. USEPA would like to know what the risk is associated with manganese in this area; also they would like to see all the data for areas where the Navy is proposing to reduce the size of the excavation areas. The Navy will provide a compilation of all data for each of the sites, what the Navy is proposing to excavate, and what will be left in place. Jeff Austin (Geosyntec for Lennar) requests that the Navy standardize how they are referring to the cleanup levels because they have been using Tier 1 and Tier 2 on other parcels.
- A summary of the changes to these excavations includes:
 - No further action at 22-2 due to the close proximity to the buildings and because remaining concentrations are below 2x RRGs.
 - Reduce excavation footprint at 23-1 by applying a 10x RRGs to the remaining sample locations.
 - Reduce excavation footprint at 24-4 to extend 5 feet below ground surface at locations with RRG exceedances and apply construction worker scenario.

- Reduce excavation depth to 7 feet below ground surface and remove volatile organic compounds (VOCs) from tiered RRG approach.
- Reduce excavation footprint at 10-3, 10-4 and 11-2 due to prior excavations.
- The Navy proposes to apply RRGs and where appropriate use 2x and 10x RRG. For metals the Navy would like to use risk calculations to estimate the EPC using the 95% UCL.
- Additional considerations by the Navy include applying RRGs for VOCs and CWRGs for metals. Also, applying RRGs to identify the excavation footprints and then using CWRG for comparison with confirmation samples, and applying CWRGs to the entire footprint at all excavations. These considerations will be explored further in the upcoming working meeting.
- The draft TM will be issued on March 8, 2013 and the working meeting will be held on March 19, 2013. The final TM will be issued on March 28 with a final Work Plan to follow on April 28, 2013.

7.0 Transfer Schedule Update (Keith Forman, Navy)

The change on the transfer schedule update is for the RU-C2 Work Plan submittal date, which slipped by a week, pushing it into another month. Also the Navy added the Finding of Suitability to Transfer (FOST) dates to the schedule.

8.0 Community Involvement Update (Matt Robinson, Navy)

February Achievements

- Distributed print material including three factsheets and the annual calendar.
- Presented to Malcolm X Academy Elementary School's Parent Teacher Association (PTA).
- Organized the Parcels E and UC-3 proposed plan meeting.

Community Involvement Survey Update

- The Navy has received 91 responses to the community involvement survey and has conducted nine out of ten in-person interviews.
- Most of the comments received focused on safety, status of cleanup, jobs, and cleanup efforts.

March Goals and Objectives

- Complete in-person interviews for the Community Involvement Plan update.
- Finish updating the draft CIP update.

9.0 Action Items/Future Meetings (Keith Forman, Navy)

The next BCT meeting will be held on March 28, 2013 at the CH2M HILL offices in San Francisco, California. Action items are summarized below and included as Attachment C.

- The Navy will inform the Water Board, prior to the submittal of the work plan, which TPH sites in Parcel E will be moving forward because they are not affected by the radiological program activities.
- The Navy will work with USEPA to get the video teleconferencing set up for the next BCT meeting.

ATTACHMENT A

HUNTERS POINT NAVAL SHIPYARD MEETING ATTENDANCE SHEET

Topic: BCT Meeting
Location: CH2M HILL Office
155 Grand Avenue
Oakland, CA
Date/Time: February 28, 2013/10:00 a.m.

Organization	Name	Phone Number	E-Mail Address	Present
Navy	Keith Forman	619-532-0913	keith.s.forman@navy.mil	X
	Melanie Kito	619-532-0787	melanie.kito@navy.mil	X
	Lara Urizar	619-532-0960	lara.urizar.ctr@navy.mil	X
	Hamide Kayaci	619-532-0930	hamide.kayaci.ctr@navy.mil	X
	Chris Yantos	619-532-0952	christopher.yantos.ctr@navy.mil	
	Laurie Lowman	757-887-7650	laurie.lowman@navy.mil	
	Matt Slack	757-887-4212	matthew.slack@navy.mil	
	Frank Fernandez	510-749-5936	franklin.d.fernandez@navy.mil	
	Deb Theroux	619-532-0919	debra.theroux@navy.mil	
	Lora Battaglia	619-532-0968	lora.battaglia.ctr@navy.mil	X
	Chantry Davis	619-532-0904	william.c.davis9@navy.mil	
	Danielle Janda	619-532-0796	danielle.janda@navy.mil	
	Tony Konzen	619-532-0924	anthony.konzen.ctr@navy.mil	
	Jeremy Schwartz	510-521-8672	jeremy.m.schwartz@navy.mil	
USEPA	Craig Cooper	415-947-4148	cooper.craig@epa.gov	X
	Jackie Lane	415-972-3236	lane.jackie@epa.gov	
DTSC	Ryan Miya	510-540-3775	ryan.miya@dtsc.ca.gov	X

Organization	Name	Phone Number	E-Mail Address	Present
Water Board	Ross Steenson	510-622-2445	rsteenson@waterboards.ca.gov	X
	Tina Low	510-622-5682	tlow@waterboards.ca.gov	X
CDPH	Tracy Jue	916-324-4808	tracy.jue@cdph.ca.gov	X
	Jeff Wong	510-620-3423	jeff.wong@cdph.ca.gov	X
	Larry Morgan			
	Roger Lupo	916-440-7955	roger.lupo@cdph.ca.gov	
CDFG	Charlie Huang			
	Tami Nakahara			
City of SF	Amy Brownell	415-252-3967	amy.brownell@sfdph.org	X
Treadwell and Rollo/Langan	Sigrida Reinis	415-955-9040	sreinis@langan.com	X
	Dorinda Shipman	415-955-5262	dshipman@langan.com	
	Christopher Glenn	510-974-7074	cglenn@langan.com	
Geosyntec	Jeff Austin	415-218-0027	jasustin@geosyntec.com	X
BVHP/Lennar	Steve Rottenborn	408-458-3205	srottenborn@harveyecology.com	
Tech Law Inc., USEPA contractor	Karla Brasaemle	415-762-0566	kbrasaemle@techlawinc.com	X
	Mary Snow			
	Mark Pantoja	415-762-0565	mpantoja@techlawinc.com	
Arc Ecology	Martha Walters		rosewalt@aol.com	X
BCDC	Rafael Montes	415-352-3670	rafaelm@bcdc.ca.gov	
Navy Contractors				
Tetra Tech EM, Inc.	Tim Mower	313-312-8874	tim.mower@tetrattech.com	X

Organization	Name	Phone Number	E-Mail Address	Present
	Bill Dougherty	415-216-2731	bill.dougherty@tetrattech.com	
	Shanti Montgomery	415-216-2772	shanti.montgomery@tetrattech.com	
CE2	Bruce Rucker	925-400-4586	rucker@ce2corp.com	X
Kleinfelder	Gabriel Fuson	510-774-4115	gfuson@kleinfelder.com	
	Eric Johansen	619-694-5516	ejohansen@kleinfelder.com	X
KCH	Leslie Lundgren	415-541-7110	leslie.lundgren@ch2m.com	X
	Jamie Hamm	415-819-4971	jamie.hamm@ch2m.com	X
	Ted Tyler	602-790-2492	etyler@kleinfelder.com	
	Emily Steinkamp	510-628-9000	esteinkamp@kleinfelder.com	
	Doug Gilkey	(619) 694-5523	dgilkey@kleinfelder.com	
ERRG	Doug Bielskis	925-726-4119	doug.bielskis@errg.com	X
	John Sourial	415-848-7103	john.sourial@errg.com	
ITSI	Jim Schollard	925-946-3107	jschollard@itsi.com	
	Brett Womack	925-250-8077	bwomack@itsi.com	
	Ken Leonard	925-946-3263	kleonard@itsi.com	X
	Jeff Hess	925-946-3104	jhess@itsi.com	
	Arvind Archarya	510-719-6858	aacharya@itsi.com	X
	John Baur	925-946-3212	jbaur@itsi.com	X
	Ed Palser	505-400-4076	epalser@itsi.com	
Shaw Group	Wayne Akiyama	925-288-2003	wayne.akiyama@shawgrp.com	
	Ray Schul	415-822-1224	raymond.schul@sahwgrp.com	
	Ulrika Messer	619-241-9451	ulrika.messer@shawgrp.com	X
	Steve Pierce			
Battelle	John Hardin	619-574-4827	hardinj@battelle.org	

Organization	Name	Phone Number	E-Mail Address	Present
AMEC	Alfonso Ang	415-278-2108	alfonso.ang@amec.com	
	Jeff Fenton	707-793-3832	jeffery.fenton@amec.com	
	Ray Hendry	303-807-4421		
PNNL	Steve Maheras			
Alliance	Tessa McRae	619-398-3220	tmcrae@onesullivan.com	
	Wenqian Dou	415-321-1785	wdou@onesullivan.com	
	Bob Hunt	619-672-2796	rhunt@onesullivan.com	
URS	Jerry Zimmerle	714-433-7738	jerome.zimmerle@urscorp.com	
CirclePoint	Matt Robinson	510-378-5511	m.robinson@circlepoint.com	X
Arcadis	Scott Morris	619-291-7800x21	scott.morris@arcadis-us.com	
	Bill Beaman	510-596-9524	william.beaman@arcadis-us.com	
Cabrera/Insight	Mitra Fattahipour		MFattahipour@ieeci.com	

ATTACHMENT B

HUNTERS POINT NAVAL SHIPYARD DOCUMENT TRACKING MATRIX

February 28, 2013

Item	Parcel	Document Name	Submittal Date	Expected Date for Comments	Notes	Agency Submittal of Comments			
						EPA	DTSC	Water Board	City of SF
Documents Historically Reviewed									
1	Basewide	Groundwater Monitoring Report (October 2011-June 2012)	10/1/12	n/a		11/20/12			
2	E	Final Survey Unit Project Reports for Survey Units 214, 215, 216, and 217	10/3/12	n/a					
3	E	Final Survey Unit Project Reports for Survey Units 218, 222, 223, and 224	10/4/12	n/a					
4	B	Annual Operation and Maintenance Report for Installation Restoration Sites 07 and 18	10/5/12	n/a					
5	D-1	Final, Final Status Survey Results, Building 274	10/8/12	11/9/12					
6	C	Final Remedial Design and Design Basis Report	10/9/12	n/a					
7	E	Building 500	10/9/12	11/9/12					
8	C	Draft Remedial Action Work Plan for RU- C2	10/10/12	11/27/12		11/29/12 2/19/13	2/14/13		2/19/13 2/28/13
9	E	Draft Survey Unit Project Reports for Survey Units 246, 248, 249, and 300	10/11/12	11/12/112			11/13/12		
10	B	Replacement Pages for Final Remedial Action Completion Report for IR-7/18	10/12/12	n/a					
11	D-1	Final Work Package 105, Survey Units 253, 255, 262, 266, and 270	10/16/12	n/a					
12	E	Final, Final Status Survey Results, Former Building 529 Site	10/16/12	11/16/12					

ATTACHMENT B

HUNTERS POINT NAVAL SHIPYARD DOCUMENT TRACKING MATRIX

February 28, 2013

Item	Parcel	Document Name	Submittal Date	Expected Date for Comments	Notes	Agency Submittal of Comments			
						EPA	DTSC	Water Board	City of SF
13	D-1	Final Work Package 106, Survey Units 271, 279, 280, 281, and 282	10/17/12	n/a					
14	E-2	Draft Technical Memorandum for the Geotechnical Investigation	10/22/12	11/21/12		11/21/12	11/20/12	11/21/12	11/26/12
15	E	Draft Proposed Plan to BCT only	10/26/12	11/26/12		11/21/12	11/27/12	11/29/12	11/27/12
16	E	Final, Final Status Survey Results, Building 521	10/29/12	11/29/12					
17	D-1	Draft Survey Unit Project Reports for Survey Units 254, 265, 256, and 283	10/29/12	11/29/12					
18	E	Draft Final Status Survey Results at Former Building 520 Site	10/30/12	11/30/12			11/30/12		
19	E	Draft Survey Unit Project Reports for Survey Units 301, 306, 307, and 308	11/1/12	12/3/12			12/3/12		
20	C	Final Execution Plan	11/8/12	n/a					
21	C	Final Design Plan	11/8/12	n/a					
22	B	Final Remedial Action Work Plan	11/13/12	n/a					
23	E	Draft Survey Unit Project Reports for Survey Units 305, 309, 310, and 311	11/16/12	12/17/12			12/13/12		
24	E-2	Final Record of Decision	11/26/12	n/a					
25	E	Draft Final Proposed Plan	12/20/12	1/11/13		1/9/13	1/10/13	1/14/13	1/11/13

ATTACHMENT B

HUNTERS POINT NAVAL SHIPYARD DOCUMENT TRACKING MATRIX

February 28, 2013

Item	Parcel	Document Name	Submittal Date	Expected Date for Comments	Notes	Agency Submittal of Comments			
						EPA	DTSC	Water Board	City of SF
Document Review Period Recently Completed									
1	F	Draft Final Radiological Data Gaps Investigation TM #2a	11/30/12	12/30/12		1/7/13		1/7/13	
2	E-2	Draft Ship Shielding Rad RACR	12/6/12	1/22/13		1/16/13 no comment	1/22/13	1/31/13 no comment	2/1/13
3	D-1	Draft Final Status Survey Results at Former Building 313, 313A, and 322 Sites	12/7/12	1/7/13					
4	F	Final Data Gap Investigation Work Plan and SAP Addendum (2b)	12/10/12	n/a					
5	D-1	Draft Final Status Survey Report for Building 383 Area	12/10/12	1/11/13			1/11/13		
6	UC-1,2	Draft non Rad RACR	12/12/12	1/14/13		1/14/13	1/15/13		1/17/13
7	G	Final Remedial Action Work Plan	12/12/12	n/a					
8	E	Draft GWTS Report Addendum	12/20/12	1/22/13		1/24/13	1/22/13	1/29/13	1/25/13
9	E-2	Final Technical Memorandum for Geotechnical Investigation	1/3/13	n/a					
10	E	Draft Soil Characterization TM	1/8/13	2/8/13		2/12/13	2/6/13	2/21/13	2/12/13
11	E	Draft Pothole Area Characterization Work Plan	1/8/13	2/8/13			2/6/13	2/12/13	2/7/13
12	B	Startup and Operations Plan for Soil Vapor Extraction System at IR10	1/10/13	1/31/13	Concurrence Requested	1/22/13			1/25/13
13	B	Revised Polylactate Injection Plan for	1/12/13	1/24/13	Concurrence	1/21/13	1/22/13	1/22/13	No comment

ATTACHMENT B

HUNTERS POINT NAVAL SHIPYARD DOCUMENT TRACKING MATRIX

February 28, 2013

Item	Parcel	Document Name	Submittal Date	Expected Date for Comments	Notes	Agency Submittal of Comments			
						EPA	DTSC	Water Board	City of SF
		the Remedial Action			Requested				1/17/13
14	C	Final Execution Plan, Building 253 and 211	1/16/13	n/a					
15	D-1	Replacement Pages and RTCs for Draft Survey Unit Project Reports for Survey Units 254, 256, 265, and 283	1/21/13	n/a	Pages make Draft into Final				
16	E-2	Landfill Gas Monitoring Report for October-December 2012	1/21/13	n/a					
17	E	Draft Final Status Survey Results, Former Building 506 Site	1/21/13	2/18/13			2/15/13		
Documents Currently Under Review									
1	C	Draft Remedial Action Work Plan for RU-C1, RU-C4, RU-C5, and Building 241 Area	11/16/12	3/21/13	Comments Pending TM				
2	UC-1,2	Draft Operation and Maintenance Plan	1/25/13	2/25/13			2/26/13	2/14/13	2/27/13
3	E	Draft Final Status Survey Results, Former Building 508 Site	1/25/13	2/25/13					
4	E	Draft Final Status Survey Results, Former Building 507 Site	1/25/13	2/25/13					
5	E-2	Monthly Landfill Gas Monitoring Letter Report for January 2013	1/30/13	n/a					
6	E	Final, Final Status Survey Results, Former Building 510/510A Site	1/31/13	3/4/13					
7	C	Replacement Pages for Final Remedial Design and Design Basis Report	2/1/13	n/a					

ATTACHMENT B

HUNTERS POINT NAVAL SHIPYARD DOCUMENT TRACKING MATRIX

February 28, 2013

Item	Parcel	Document Name	Submittal Date	Expected Date for Comments	Notes	Agency Submittal of Comments			
						EPA	DTSC	Water Board	City of SF
8	B	Petroleum Hydrocarbon Corrective Action, Quarterly Monitoring Report Second Quarter 2012	2/4/13	n/a					
9	E-2	Draft RACR for PCB TCRA - Phase 2	2/7/13	3/25/13					
10	D-1	Draft Final Status Survey Report for South Pier Area	2/7/13	3/6/13					
11	E	Proposed Plan to Public and BCT	2/12/13	3/12/13					
12	E-2	Final Ship Shielding RACR	2/13/13	n/a					
13	E	Final IR 03 Treatability Study Report	2/15/13	n/a					
14	B	Appendix B and D to Final Remedial Action Work Plan	2/19/13	n/a					
15	E-2	Draft Work Plan, Landfill Gas Survey At Parcel E-2	2/21/13	3/25/13					
16	B	Action, Quarterly Monitoring Report (4Q 2011)	2/22/13	n/a					
Documents For Upcoming Review (next 3 months)									
1	D-1	Draft RAD RACR- North	2/25/13	30 days from submittal date	Date Tentative				
2	UC-1,2	Final Non-RAD RACR	2/28/13	Concurrence	Date Tentative				
3	B, D-1, G and UC-2	Final Soil Vapor Investigation TM	3/8/13	n/a	Date Tentative				
4	C	Final RU-C2 Remedial Action Work Plan	3/8/13	n/a	Date Tentative				

ATTACHMENT B

HUNTERS POINT NAVAL SHIPYARD DOCUMENT TRACKING MATRIX

February 28, 2013

Item	Parcel	Document Name	Submittal Date	Expected Date for Comments	Notes	Agency Submittal of Comments			
						EPA	DTSC	Water Board	City of SF
5	UC-1,2	Final O&M Plan	3/21/13	n/a	Date Tentative				
6	Basewide	Draft CIP Update	3/28/13	30 days from submittal date	Date Tentative				
7	E	Final GWTS Report Addendum	3/29/13	n/a	Date Tentative				
8	D-1	Final Rad RACR Parcel D-1 North	4/3/13	n/a	Date Tentative				
9	C	Final RA Work Plan for RU-C1, RU-C5, and Building 241 Area	4/28/13	n/a	Date Tentative				
10	E	Final Soil Characterization TM	4/30/13	n/a	Date Tentative				
11	E-2	Final RACR for PCB TCRA - Phase 2	5/8/13	n/a	Date Tentative				
12	E	Final Work Plan for Pot Hole Characterization	5/9/13	n/a	Date Tentative				
13	F	Draft Radiological Data Gap Investigation TM #2b	5/15/13	30 days from submittal date	Date Tentative				
14	E-2	Draft Remedial Design	5/24/13	45 days from submittal date	Date Tentative				
15	E	Draft ROD	5/29/13	45 days from submittal date	Date Tentative				
16	UC-3	Draft ROD	5/29/13	45 days from submittal date	Date Tentative				
17	E	ISTR Final IR03 Pilot Study Design	6/4/13	n/a	Date				

ATTACHMENT B

HUNTERS POINT NAVAL SHIPYARD DOCUMENT TRACKING MATRIX

February 28, 2013

Item	Parcel	Document Name	Submittal Date	Expected Date for Comments	Notes	Agency Submittal of Comments			
						EPA	DTSC	Water Board	City of SF
					Tentative				
18	All	Draft Five Year Review	6/18/13	45 days from submittal date	Date Tentative				
19	All	Basewide Stormwater Annual Report (2012-2013)	6/26/13	n/a	Date Tentative				

CDPH	California Department of Public Health	RI	Remedial investigation
DTSC	Department of Toxic Substances Control	RTC	Response to comment
EPA	U.S. Environmental Protection Agency	SF	San Francisco
FOSL	Finding of suitability to lease	TCRA	Time critical removal action
FOST	Finding of suitability to transfer	TM	Technical Memorandum
FS	Feasibility study	TPH	Total petroleum hydrocarbon
FSS	Final Status Survey	Water Board	San Francisco Bay Regional Water Quality Control Board
n/a	Not applicable		

ATTACHMENT C**HUNTERS POINT NAVAL SHIPYARD BASE REALIGNMENT AND CLOSURE CLEANUP TEAM ACTION ITEMS**

Item No.	Action Item	Person Authoring the Action Item	Due Date	Person/Agency Committing to Action Item	Resolution Status
New Action Items					
1	The Navy will inform the Water Board, prior to the submittal of the work plan, which TPH sites in Parcel E will be moving forward because they are not affected by the radiological program activities.	Navy		Navy	In Progress
2	The Navy will coordinate with USEPA regarding the video meeting requirements for the March BCT meeting.	Navy		Navy	In Progress
Outstanding Action Items					
1	The Navy will identify the report changes to the Parcel D-1, Phase II Draft Execution Plan in the Navy's cover letter.	Navy		Navy	In Progress